Listing of Claims:

This listing of claims reflects all claim amendments and replaces all prior versions, and listings, of claims in the application. Material to be inserted is in **bold and underline**, and material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[ ]].

1.   (Withdrawn)   A method, comprising:

performing interrogating events for a given surface of a given subject at different times, each interrogating event including:

interrogating at least the given surface with electromagnetic radiation in a frequency range of about 100 MHz to about 2 THz; and

generating a data set corresponding to the given surface; and

comparing information from at least two data sets corresponding to the given surface, wherein the information compared is from data sets generated during different imaging events.

2.   (Withdrawn)   The method of claim 1, wherein the subject is a body portion.

3.   (Withdrawn)   The method of claim 2, wherein the body portion is at least partially covered by material at least partially transparent to the electromagnetic radiation.

4.	(Withdrawn)	The method of claim 3, wherein the material is one or more of clothing, a cast, a wound dressing, and a bandage.

5.	(Withdrawn)	The method of claim 1, wherein the information from each data set corresponds to one or more of a two-dimensional representation of the given surface, a cross-sectional representation of the given surface, a three-dimensional representation of the given surface, a topographic representation of the given surface, and a numerical measurement of the given surface.

6.	(Withdrawn)	The method of claim 1, wherein comparing further comprises:
	rendering a representation of the information from each data set; and
	presenting the representations rendered.

7.	(Withdrawn)	The method of claim 6, wherein rendering a representation includes rendering one or more of a graphical representation and a textual representation.

8.	(Withdrawn)	The method of claim 7, wherein rendering a graphical representation includes rendering one or more of a two-dimensional representation, a cross-sectional representation, a three-dimensional representation, and a topographic representation; and wherein rendering a textual representation includes rendering an alphanumeric representation.

9. (Withdrawn) The method of claim 6, wherein presenting includes displaying the representations one or more of sequentially and concurrently.

10. (Withdrawn) The method of claim 9, wherein displaying the representations concurrently includes displaying the representations in tabular format.

11. (Withdrawn) The method of claim 9, wherein displaying the representations concurrently includes displaying the representations by superimposition.

12. (Withdrawn) A computer program product comprising:
computer code arranged, when executed, to perform the method of claim 1; and
a computer readable medium that stores the computer code.

13. (Withdrawn) A computer readable storage medium with a computer program thereon, comprising at least one code segment that, when executed, performs the method of claim 1.

14.   (Currently Amended)   A method, comprising:

first interrogating a given **feature of a** subject at a first time with electromagnetic radiation in a frequency range of about 100 MHz to about 2 THz;

generating, from the first interrogating, a **first** data set representative of the given ~~subject~~ **feature**;

second interrogating the given **feature of the** subject at a second time different than the first time with electromagnetic radiation in a frequency range of about 100 MHz to about 2 THz;

generating, from the second interrogating, a **second** data set representative of the given ~~subject~~ **feature**; and

identifying, from each data set generated, information corresponding to [[a]] **the** given feature of the ~~given~~ subject.

15.   (Currently Amended)   The method of claim 14, wherein the ~~subject~~ **feature** includes a body portion.

16.   (Original)   The method of claim 15, wherein the body portion is at least partially covered by material at least partially transparent to the electromagnetic radiation.

17.   (Original)   The method of claim 16, wherein the material is one or more of clothing, a cast, a wound dressing, and a bandage.

18. (Original) The method of claim 14, wherein the information identified from each data set corresponds to one or more of a two-dimensional representation of the given feature, a cross-sectional representation of the given feature, a three-dimensional representation of the given feature, a topographic representation of the given feature, and a numerical measurement of the given feature.

19. (Original) The method of claim 14, further comprising: comparing the information identified.

20. (Original) The method of claim 14, further comprising: rendering a representation of the information identified from each data set; and presenting the representations rendered.

21. (Original) The method of claim 20, wherein rendering a representation includes rendering one or more of a graphical representation and a textual representation.

22. (Original) The method of claim 21, wherein rendering a graphical representation includes rendering one or more of a two-dimensional representation, a cross-sectional representation, a three-dimensional representation, and a topographic representation; and wherein rendering a textual representation includes rendering an alphanumeric representation.

23.   (Original)   The method of claim 20, wherein presenting includes displaying the representations one or more of sequentially and concurrently.

24.   (Original)   The method of claim 23, wherein displaying the representations concurrently includes displaying the representations in tabular format.

25.   (Original)   The method of claim 23, wherein displaying the representations concurrently includes displaying the representations by superimposition.

26.   (Original)   A computer program product comprising:
computer code arranged, when executed, to perform the method of claim 14; and
a computer readable medium that stores the computer code.

27.   (Original)   A computer readable storage medium with a computer program thereon, comprising at least one code segment that, when executed, performs the method of claim 14.

28.   (Currently Amended)   The method of claim 14, further comprising identifying, from at least one data set generated, information corresponding to a second feature of the subject corresponding to the ~~first~~ **given** feature.

29. (Currently Amended) A system, comprising:

an apparatus operable to interrogate a given **feature of a** subject at different times with electromagnetic radiation in a frequency range of about 100 MHz to about 2 THz;

a controller coupled to the apparatus, the controller being adapted to:

operate the apparatus;

generate a **separate** data set representative of the given ~~subject~~ **feature** each time the subject is interrogated; and

identify, from each **separate** data set, information corresponding to [[a]] **the** given feature of the given subject;

a device coupled to the controller, and operable to present the information identified.

30. (Original) The system of claim 29, wherein the at least one controller is further adapted to render a representation of the information identified from each data set; and wherein the device coupled to the controller is further operable to present the representations rendered.

31. (Original) The system of claim 30, wherein the representation rendered includes one or more of a graphical representation and a textual representation.

32.   (Original)   The system of claim 31, wherein the graphical representation includes one or more of a two-dimensional representation, a cross-sectional representation, a three-dimensional representation, and a topographic representation.

33.   (Original)   The system of claim 31, wherein the textual representation includes an alphanumeric representation.

34.   (Original)   The system of claim 29, in which the controller further includes at least one processor and a medium storing processor-readable instructions.

35.   (Original)   The system of claim 29, in which the controller further includes at least one processor; processor code arranged, when executed on the at least one processor, to perform at least one action; and a processor readable medium that stores the processor code.

36.   (Currently Amended)   A system, comprising:

means for interrogating a given **feature of a** subject at different times with electromagnetic radiation in a frequency range of about 100 MHz to about 2 THz;

means for generating, from each interrogating, a **separate** data set representative of the given ~~subject~~ **feature**; and

means for identifying, from each data set generated, information corresponding to [[a]] **the** given feature of the given subject.

37.   (Original)   The system of claim 36, further comprising:

means for rendering a representation of the information identified from each data set; and

means for presenting the representations rendered.

38.   (Original)   The system of claim 37, wherein the representation rendered includes one or more of a graphical representation and a textual representation.

39.   (Original)   The system of claim 38, wherein the graphical representation includes one or more of a two-dimensional representation, a cross-sectional representation, a three-dimensional representation, and a topographic representation.

40.   (Original)   The system of claim 38, wherein the textual representation includes an alphanumeric representation.

41.   (Withdrawn)   A method, comprising:

interrogating a subject with electromagnetic radiation in a frequency range of about 100 MHz to about 2 THz;

generating, from the interrogating, at least one data set representative of at least a portion of the subject;

identifying, from the at least one data set, information corresponding to a first feature of the subject; and

identifying, from the at least one data set, information corresponding to a second feature of the subject corresponding to the first feature.

42.   (Withdrawn)   The method of claim 41, wherein the subject is a body.

43.   (Withdrawn)   The method of claim 42, wherein the first feature is a body portion and the second feature is a contralateral body portion.

44.   (Withdrawn)   The method of claim 41, further comprising:

rendering a representation of the information corresponding to each feature; and

presenting the representations rendered.

45.   (Withdrawn)   The method of claim 44, wherein rendering a representation includes rendering one or more of a graphical representation and a textual representation.

46.   (Withdrawn)   The method of claim 45, wherein rendering a graphical representation includes rendering one or more of a two-dimensional representation, a cross-sectional representation, a three-dimensional representation, and a topographic representation.

47.   (Withdrawn)   The method of claim 45, wherein rendering a textual representation includes rendering an alphanumeric representation.

48.   (Withdrawn)   The method of claim 46, wherein the first feature is a body portion and the second feature is a contralateral body portion, wherein rendering a graphical representation of the information corresponding to each feature includes rendering a mirror image of one of the features, and wherein presenting the representations rendered includes superimposing the graphical representations.

49.   (Withdrawn)   The method of claim 42, further comprising:
        identifying a plane of symmetry along the body;
        comparing the shape of a first body portion on one side of the plane with the shape of an opposing second body portion on the other side of the plane.

50. (Withdrawn) The method of claim 49, further comprising:

determining whether the shape of the first body portion is symmetrical with the shape of the second body portion; and

producing an output identifying the first and second body portions when the shapes of the first and second body portions are determined to be asymmetrical.

51. (Withdrawn) A computer program product comprising:

computer code arranged, when executed, to perform the method of claim 41; and

a computer readable medium that stores the computer code.

52. (Withdrawn) A computer readable storage medium with a computer program thereon, comprising at least one code segment that, when executed, performs the method of claim 41.

53.   (Withdrawn)   The method of claim 41, further comprising

identifying, from each data set, information corresponding to the first feature of

the subject,

wherein interrogating a subject includes first interrogating a given subject at a

first time with electromagnetic radiation in a frequency range of about 100 MHz to about

2 THz and second interrogating the given subject at a second time different than the

first time with electromagnetic radiation in a frequency range of about 100 MHz to about

2 THz; and

wherein generating includes generating a data set representative of the given

subject from the first interrogating and from the second interrogating.

54.   (Withdrawn)   A system comprising:

means for interrogating a subject with electromagnetic radiation in a frequency

range of about 100 MHz to about 2 THz;

means for generating, from the interrogating, at least one data set representative

of at least a portion of the subject;

means for identifying, from the at least one data set, information corresponding to

a first feature of the subject; and

means for identifying, from the at least one data set, information corresponding to

a second feature of the subject corresponding to the first feature.

55.   (Withdrawn)   The system of claim 54, further comprising:

means for presenting the information identified.

56. (Withdrawn) The system of claim 54, wherein the subject is a body, and wherein the first feature is a body portion and the second feature is a contralateral body portion.